III. REMARKS

1. Claims 1-45 are cancelled without prejudice. Claims 46-65 are new.

2. The claims are not anticipated by Eatwell under 35 U.S.C. §102(b).

Claim 46 recites determining a first term representing a summation of an estimated periodogram of the desired signal and a predetermined fraction of an estimated periodogram of the accompanying noise; determining a second term representing a summation of an estimated periodogram of the desired signal plus an estimated power spectral density of the accompanying noise; and generating a noise reducing filter operative on the basis of a ratio of the first term divided by the second term. This is not disclosed or suggested by Eatwell.

Eatwell does not disclose or suggest the use of periodograms or the first or second terms as recited in the claims. By using periodograms, which are short term averages, instead of power spectral densities, which are long term averages, the noise measurements can be adapted quickly. The claimed subject matter thus provides for improved signal quality when the noise changes.
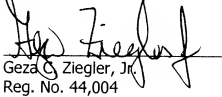
Thus, Eatwell cannot anticipate Applicant's claims.

3. The dependent claims are not unpatentable over Eatwell in view of Pastor at least by reason of their respective dependencies.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,

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